

CLAIMS

1. A vehicle front end structure comprising;
an axial flow fan having, in turn, a
rotating shaft which extends in a longitudinal direction
of a vehicle and adapted for supplying cooling air to a
radiator,

an intercooler for cooling air drawn into
an internal combustion engine, and

an air cleaner, provided on a downstream
side of an air flow relative to an inlet from which air
drawn into the internal combustion engine is introduced,
for removing dust in the air so introduced, wherein

the inlet is positioned opposite to the
intercooler across the axial flow fan as viewed in the
longitudinal direction of the vehicle, wherein

the air cleaner is positioned at a
location where the air cleaner deviates from the
intercooler as viewed in the longitudinal direction of
the vehicle, and wherein

the axial flow fan rotates in a direction
which deflects an air flow blown out of the axial fan to
an intercooler side.

2. A vehicle front end structure as set forth in
Claim 1, wherein a bell-mouthed-like air guide portion
for guiding air in front of the vehicle to the
intercooler is provided on a radiator support which
supports the radiator.

3. A vehicle front end structure as set forth in
Claim 2, wherein the radiator support and the air guide
portion are integrally molded.

4. A vehicle front end structure as set forth in
Claim 1, wherein the intercooler and the radiator are
disposed in parallel at substantially the same position
in the longitudinal direction of the vehicle.

5. A vehicle front end structure as set forth in
Claim 1, wherein the axial flow fan is disposed rearward
of the radiator, and wherein an obstacle, which

interrupts an air flow produced by the axial flow fan, is disposed rearward of the axial flow fan.

5 6. A vehicle front end structure as set forth in Claim 1, wherein the inlet is made to open on an opposite side to the intercooler.

10 7. A vehicle front end structure as set forth in Claim 1, wherein the axial flow fan rotates in a direction which allows a side where the intercooler is disposed to constitute a front of a rotating direction thereof as viewed from a front side of the vehicle.